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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/585,544	08/16/2006	Toshio Masumoto	MASUMOTO ET AL-2 PCT	5596
25889	7590	08/13/2009	EXAMINER	
COLLARD & ROE, P.C. 1077 NORTHERN BOULEVARD ROSLYN, NY 11576			VU, HIEN D	
			ART UNIT	PAPER NUMBER
			2839	
			MAIL DATE	DELIVERY MODE
			08/13/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/585,544

Applicant(s)

MASUMOTO ET AL.

Examiner

Hien D. Vu

Art Unit

2839

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 6-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 6-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 4/28/09 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1 and 6-9 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The following features which are confusing and unclear since they were not originally disclosed in the specification: in claims 1 and 6, lines 4-5, the features "said shell having a flange formed with a boss portion"; claim 1, line 14-15 and claim 7, lines 2-4, the features "a part of said engaging portion opposite to a release surface being elastically deformed to reduce an inner space"; and claim 6, lines 10-13, the features "wherein said reinforcing portion includes a hollowed portion which escapes from said boss portion and penetrates in an intersectional direction to a forming direction of the boss portion to be opened on one end of said hollowed portion". Such features appear to be new matter and applicant is required to cancel new matter.

Also in claim 6, lines 16-18, the features "a substrate receiving a stress generated ... said reinforcing member" are confusing and unclear as to what are being claimed.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

4. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1 and 6-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Tanaka et al (20040235349).

Insofar as the claims can be understood, as to claims 1 and 6, Tanaka, Figs. 1A-4B shows a connector comprising a connector body 2 and a reinforcing member 6, said connector body comprising an elongated conductive contact 3, an insulator 2 holding said contact, and a shell 7 surrounding said insulator, said shell having a flange 7d formed with a boss portion 5 for fixing the connector to an object/ a mating connector (not shown) to be fixed, said connector being used for mounting a substrate (not shown), said reinforcing member comprising a reinforcing portion 6 provided between said object and the substrate and contacting said flange and an engaging portion 6c, 6f engaging said shell, wherein said reinforcing portion includes a hollowed portion which escapes from said boss portion and penetrates in an intersectional direction to a forming direction of the boss portion to be opened on one end of said hollowed portion, said reinforcing member being detachably fitted to said connector body, a substrate receiving a stress generated in fixing said connector to said object is received through said reinforcing member.

As to claim 7, Tanaka shows the shell has three faces surrounded by said engaging portion, a part of said engage portion opposite to a release surface being elastically deformed to reduce an inner space so as to engage the shell or to increase an inner space so as to release the shell.

As to claims 8 and 9, Tanaka shows the engaging portion includes a pair of engaging projections 6 h, 6c.

6. Applicant's arguments with respect to claims 1 and 6-9 have been considered but are moot in view of the new ground(s) of rejection.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication should be directed to Hien D. Vu at telephone number 571-272-2016.

Art Unit: 2839

/Hien D. Vu/

Primary Examiner, Art Unit 2839